

FORM PTO-1449
REV. 7-80

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.
OMRF114 C1H(2)

SHEET 1 of 2
SERIAL NO.
07/867,819

MATERIAL INFORMATION STATEMENT
(Use several sheets if necessary)

APPLICANT
John B. Harley

FILING DATE
April 13, 1992

GROUP

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AL	AA 4,865,970	9/12/89	Brot et al.			
	AB					
	AC					
	AD					
	AE					
	AF					
	AG					
	AH					
	AI					
	AJ					
	AK					

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	AL						
	AM						
	AN						
	AO						
	AP						

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AL	AR	Ferris and Donaldson, <u>Veterinary Microbiology</u> Vol. 18 No. 3-4, pp. 243-258 (1988)
AL	AS	Mosier, et al., <u>Nature</u> Vol. 335, pp. 256-259 (1988)
AL	AT	Dickey, W.D., <u>Human Autoantibody Producing</u> Grafts in SCID Mice, presented to the Oklahoma Lupus Association, <u>Sect.</u> (1989) (Abstract)

EXAMINER

A. Cooper

DATE CONSIDERED

10/15/93

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

USCOMM-OC 10-1988

ATTY. DOCKET NO.
OMRF114 CIP (2)SERIAL NO.
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OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

PL	BAR	rigbe, <u>Production of human rheumatoid factors (RF) by SCID mice transplanted with synovial membrane lymphocytes</u> , presented at the Arthritis Foundation Fellows Conference, Amelia Island, Plantation, Florida, December 8-10, 1989
PL	BAS	Guldner, et al., <u>The Journal of Immunology</u> , Vol. 141, No. 2, pp. 469-475 (July 15, 1988)
PL	BAT	Schaack, pp. 581-588, In <u>Annals of Internal Medicine</u> Vol. 111, No. 7, pp. 581-591 (October 1, 1989)
PL	CAR	Scofield and Harley, <u>Proceedings of the National Academy of Sciences U.S.A.</u> Vol. 88, pp. 3343-3347 (April 15, 1991)
	AS	
	AT	
	AR	
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EXAMINER

N.C. pvtb

DATE CONSIDERED

10/15/93

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SERIAL NO.
07/867,819
GROUP
1806

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	IF APPROPRIATE	FILING DATE
	AA						
	AC						
	AC						
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	AC						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
AL	EP,A,0,313,156	04/26/89	Europe	—	—		
AM	WO,A,91/11718	06/03/88	PCT	—	—		
AB	WO,A,88/09932	06/03/88	PCT	—	—		
AE							
AP							

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AR	Ben-Chetrit, Eldad, et al., "Isolation and Characterization of a cDNA Encoding the 60-kD Component of the Human SS-A/Ro Ribonucleoprotein Autoantigen," J. Clin. Inv. 83:1284-1292
AC	Chambers, Jasmine C., et al., "Genomic Structure and Amino Acid Sequence Domains of the Human La Autoantigen," J. Biol. Chem. 263:18043-18051 (1988)
AT	Chambers, Jasmine Choy and Jack D. Keene, "Isolation and analysis of cDNA clones expressing human lupus La antigen," Proc. Natl. Acad. Sci. USA 82:2115-2119 (1985)

DATE CONSIDERED
6/26/94

EXAMINER: [Signature] references considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



Sheet 2 of 2

FORM PTO-1449

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John B. HarleyFILING DATE
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1806

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

K	AR	Chen, E.K.L., <i>et al.</i> , "Ribonucleoprotein SS-B/La belongs to a protein family with consensus sequences for RNA-binding," <i>Nucl. Acids Res.</i> 17:2233-2244 (1989)
M	AS	Deutscher, Susan L., <i>et al.</i> , "Molecular analysis of the 60-kDa human Ro ribonucleoprotein," <i>Proc. Natl. Acad. Sci. USA</i> 85:9479-9483 (1988)
M	AT	Etkon, Keith B., <i>et al.</i> , "Epitope Mapping of Recombinant HeLa SmB and B' Peptides Obtained by the Polymerase Chain Reaction," <i>J. of Immun.</i> 145:636-643 (1990)
M	AR	McAlister, George, <i>et al.</i> , "cDNA sequence of the rat U snRNP-associated protein N: description of a potential Sm epitope," <i>EMBO Jour.</i> 8:1177-1181 (1989)
M	AS	Renz, M., <i>et al.</i> , "Expression of the Major Human Ribonucleoprotein (RNP) Autoantigens in <i>Escherichia coli</i> and Their Use in an EIA for Screening Sera from Patients with Autoimmune Diseases," <i>Clin. Chem.</i> 35:1861-1863 (1989)
M	AT	Rokeach, Luis A., <i>et al.</i> , "Primary Structure of a Human Small Nuclear Ribonucleoprotein Polypeptide as Deduced by cDNA Analysis," <i>J. of Biol. Chem.</i> 264: 5024-5030 (1989)
M	AR	Sharma, N.G., <i>et al.</i> , "Isolation of cDNA clones encoding the human Sm B/B' auto-immune antigen and specifically reacting with human anti-Sm auto-immune sera," <i>FEBS Letter</i> 250:585-590 (1989)
M	AS	Sillekens, Peter T. G., <i>et al.</i> , "cDNA cloning of the human U1 snRNA-associated A protein: extensive homology between U1 and U2 snRNP-specific proteins," <i>EMBO Journal</i> 6:3841-3848 (1987)
M	AT	Sturgess, Allan D., <i>et al.</i> , "Characteristics and Epitope Mapping of a Cloned Human Autoantigen La," <i>J. Immun.</i> 3212-3218 (1988)
M	AR	Yamamoto, Kazuhiko, <i>et al.</i> , "Isolation and Characterization of a Complementary DNA Expressing Human U1 Small Nuclear Ribonucleoprotein C Polypeptide," <i>J. Immun.</i> 140:311-317 (1988)
	AS	
	AT	
	AR	

DATE CONSIDERED

4/26/92

EXAMINER: Initial reference material, a list of cited citations in accordance with MPEP 608; Draw line through citation if not in
considered; Attach copy of this form with next communication to applicant.